

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011351.D
 Acq On : 06 Aug 2019 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:46 AM

Quant Time: Aug 07 02:05:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	207348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	159731	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	105090	50.33	ug/l	0.00
Spiked Amount						
			Recovery	=	100.66%	
35) Dibromofluoromethane	5.48	113	91168	46.51	ug/l	-0.01
Spiked Amount						
			Recovery	=	93.02%	
50) Toluene-d8	8.71	98	342979	46.35	ug/l	0.00
Spiked Amount						
			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.13	95	136091	51.51	ug/l	0.00
Spiked Amount						
			Recovery	=	103.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	83762	52.304	ug/l	97
3) Chloromethane	1.32	50	86587	48.148	ug/l	98
4) Vinyl Chloride	1.40	62	97068	49.070	ug/l	98
5) Bromomethane	1.63	94	50329	35.674	ug/l	100
6) Chloroethane	1.71	64	60253	49.154	ug/l	100
7) Trichlorofluoromethane	1.92	101	167181	47.531	ug/l	100
8) Diethyl Ether	2.18	74	57291	45.616	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92975	48.854	ug/l	99
10) Methyl Iodide	2.50	142	122034	50.861	ug/l	97
11) Tert butyl alcohol	3.04	59	107202	257.459	ug/l	99
12) 1,1-Dichloroethene	2.36	96	88230	46.768	ug/l	88
13) Acrolein	2.28	56	63185	244.169	ug/l	100
14) Allyl chloride	2.71	41	138966	55.255	ug/l	98
15) Acrylonitrile	3.13	53	244178	245.743	ug/l	99
16) Acetone	2.43	43	249990	251.525	ug/l	96
17) Carbon Disulfide	2.56	76	214465	48.444	ug/l	100
18) Methyl Acetate	2.76	43	112033	49.325	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	300794	54.104	ug/l	99
20) Methylene Chloride	2.84	84	103123	47.376	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	98869	49.543	ug/l	89
22) Diisopropyl ether	3.84	45	286258	51.787	ug/l	97
23) Vinyl Acetate	3.80	43	1246646	271.921	ug/l	98
24) 1,1-Dichloroethane	3.68	63	165360	50.734	ug/l	99
25) 2-Butanone	4.65	43	349218	247.003	ug/l	96
26) 2,2-Dichloropropane	4.57	77	145207	57.310	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	114401	49.770	ug/l	98
28) Bromochloromethane	5.00	49	72131	48.543	ug/l	100
29) Tetrahydrofuran	5.11	42	209201	241.326	ug/l	99
30) Chloroform	5.20	83	182079	51.399	ug/l	97
31) Cyclohexane	5.56	56	134370	49.969	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	161213	53.124	ug/l	100
36) 1,1-Dichloropropene	5.79	75	132037	50.367	ug/l	99
37) Ethyl Acetate	4.82	43	128960	49.043	ug/l	100
38) Carbon Tetrachloride	5.78	117	141228	53.548	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	149017	47.957	ug/l	98
40) Benzene	6.13	78	388256	49.632	ug/l	99
41) Methacrylonitrile	5.03	41	71356	49.688	ug/l	98
42) 1,2-Dichloroethane	6.18	62	141945	53.661	ug/l	98
43) Isopropyl Acetate	6.43	43	211420	50.290	ug/l	99
44) Trichloroethene	7.20	130	115703	48.865	ug/l	95
45) 1,2-Dichloropropane	7.50	63	96952	47.855	ug/l	98
46) Dibromomethane	7.65	93	71272	48.190	ug/l	98
47) Bromodichloromethane	7.89	83	131886	52.670	ug/l	98
48) Methyl methacrylate	7.76	41	103579	52.353	ug/l	97
49) 1,4-Dioxane	7.73	88	53091	925.613	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	675166	248.852	ug/l	100
52) Toluene	8.78	92	255711	49.440	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147994	50.707	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	160101	54.735	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	106227	49.953	ug/l	99
56) Ethyl methacrylate	9.17	69	159767	52.720	ug/l	98
57) 1,3-Dichloropropane	9.37	76	168990	50.248	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	466186	312.866	ug/l	100
59) 2-Hexanone	9.49	43	528752	251.609	ug/l	99
60) Dibromochloromethane	9.58	129	115818	53.196	ug/l	97
61) 1,2-Dibromoethane	9.66	107	115020	50.063	ug/l	99
64) Tetrachloroethene	9.33	164	113033	47.486	ug/l	96
65) Chlorobenzene	10.13	112	292127	48.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	107266	52.134	ug/l	99
67) Ethyl Benzene	10.25	91	510437	50.714	ug/l	100
68) m/p-Xylenes	10.35	106	396500	101.846	ug/l	96
69) o-Xylene	10.69	106	189107	49.438	ug/l	98
70) Styrene	10.71	104	334682	52.879	ug/l	98
71) Bromoform	10.85	173	85768	46.813	ug/l	99
73) Isopropylbenzene	11.01	105	522312	47.811	ug/l	100
74) N-amyl acetate	10.89	43	198116	50.190	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	161559	44.377	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142228m	48.894	ug/l	
77) Bromobenzene	11.25	156	143196	47.270	ug/l	96
78) n-propylbenzene	11.35	91	595773	49.040	ug/l	99
79) 2-Chlorotoluene	11.41	91	346893	47.907	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	444674	48.625	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50382	46.589	ug/l	100
82) 4-Chlorotoluene	11.51	91	423210	50.150	ug/l	98
83) tert-Butylbenzene	11.77	119	437104	48.734	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	456379	50.124	ug/l	100
85) sec-Butylbenzene	11.94	105	512300	47.541	ug/l	100
86) p-Isopropyltoluene	12.06	119	485750	48.998	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	261660	48.886	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	262560	47.571	ug/l	97
89) n-Butylbenzene	12.38	91	427426	50.045	ug/l	99
90) Hexachloroethane	12.59	117	71417	48.727	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	252757	46.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35202	49.909	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	182863	51.271	ug/l	99
94) Hexachlorobutadiene	13.78	225	71425	39.471	ug/l	99
95) Naphthalene	13.83	128	559960	53.687	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	177836	49.045	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

